

Atty.  
Dkt. No.

M#

Client Ref.

265365

Z-3010 CON3

Applicant: TIRAMANI et al.

Appln. No.: Unassigned 10/075,441

Filing Date: February 15, 2002

3637

Examiner: Unassigned

Group Unit: Unassigned

Date: February 15, 2002

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

### U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY 1990's	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
Jph	AR	2,883,731	04/28/59	WELLS	280	47.26	
	BR	2,893,749	07/07/59	SIMONSEN	280	47.19	
	CR	2,905,480	09/22/59	GIOVANNELLI	280	34	
	DR	2,964,328	12/13/60	MUIR	280	47.19	
	ER	3,087,740	04/30/63	MITTY et al.	280	47.26	
	FR	3,118,685	01/21/64	JORDAN	280	47.19	
	GR	3,170,710	02/23/65	RACHMAN	280	79.2	
	HR	3,436,093	04/01/69	RUFFLEY, JR	280	47.27	
	IR	3,520,583	07/14/70	CASE	312	277	
	JR	3,715,148	02/06/73	BEALS	312	209	
	KR	3,771,848	11/13/73	CLAYWELL	280	47.19	
	LR	3,874,531	04/01/75	MAYO	280	47.19	
	MR	3,876,223	04/08/75	O'REILLEY et al.	280	47.19	
Jph	NR	3,908,831	09/30/75	BRENDGORD	211	88	

### FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY 1990's	Country	Inventor Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
Jph	OR	G 88 13 391.5	03/30/89	GERMANY	MESSMER		X		X
	PR	1006914	02/01/99	NETHERLANDS	BOOTSMAN		X		X
	QR	GB 2214899A	09/13/89	UNITED KINGDOM	GREGAN				
	RR	WO 91/05720	05/02/91	WO	VAN ROY				
	SR	WO 94/15824	07/21/94	WO	HILL				
Jph	TR	WO 98/52811	11/26/98	WO	BOOTSMANN				
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OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

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Examiner

Date Considered: 7/2/02

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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Dkt Z-3010 CON2

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Applicant: TIRAMANI et al.

Appln. No.: Unassigned 101 075,441

Filing Date: February 15, 2002 3637

Examiner: Unassigned Group Unit: Unassigned

Date: February 15, 2002

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Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
Ch	AR	3,990,653	11/09/76	MARCELL	282	128.8	
	BR	4,046,391	09/06/77	RESTAD et al.	280	5.24	
	CR	4,281,843	08/04/81	JOHNSON et al.	280	47.26	
	DR	4,691,397	09/08/87	NETZER	5	507	
	ER	4,759,560	07/26/88	VIRGULTI	280	47.26	
	FR	4,936,594	06/26/90	OLIVER, III	280	47.19	
	GR	4,976,450	12/11/90	ELLEFSON	280	79.11	
	HR	4,989,291	02/05/91	PARENT	15	315	
	IR	5,013,055	05/07/91	LABRUM	280	47.19	
	JR	5,016,948	05/21/91	WELCH et al.	312	249	
	KR	5,069,466	12/03/91	PROPST	280	79.3	
	LR	5,113,546	05/19/92	PARENT	15	315	
	MR	5,207,723	05/04/93	NEWBY, SR.	312	249.11	
Ch	NR	5,213,351	05/25/93	CHEN	280	47.19	

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Examiner

*James D. Hansen*

Date Considered:

7/2/02

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FORM PTO-1449 (modified)  
To: U.S. Department of Commerce  
(PM&S FORM PAT-1449)  
Patent and Trademark Office

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Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
Ch	AR	5,240,264	08/31/93	WILLIAMS	280	40	
	BR	5,244,265	09/14/93	CHIANG	312	107	
	CR	5,275,349	01/04/94	TUSSING	<del>282</del>	<del>88-90</del>	
	DR	5,281,020	01/25/94	ROMICK	312	308	
	ER	5,294,196	03/15/94	CHEN	312	263	
	FR	5,378,005	01/03/95	NORTON	280	47.26	
	GR	5,423,651	06/13/95	DINVERNO	<del>437</del> 312	<del>500</del> 249.8x	
	HR	5,425,545	06/20/95	McCUSKER	280	30	
	IR	5,437,502	08/01/95	WARNICK et al.	312	244	
	JR	5,452,908	09/26/95	BENCIC	280	47.35	
	KR	5,482,162	01/09/96	DICKINSON	206	373	
	LR	5,484,160	01/16/96	EK	280	659	
	MR	5,518,258	05/21/96	COX	280	30	
Ch	NR	5,518,310	05/21/96	ELLMAN et al.	312	249.12	

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*James D. Haman*

Date Considered:

*7/2/02*

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Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
Jph	AR	5,533,799	07/09/96	NICKOLAUS, JR.	312	249.12	7
	BR	5,577,745	11/26/96	BIRK	280	47.19	
	CR	5,588,659	12/31/96	BOES et al.	280	47.19	
	DR	5,634,649	06/03/97	BREINING et al.	280	47.35	
	ER	5,664,853	09/09/97	NICKOLAUS, JR.	312	249.12	
	FR	5,738,423	04/14/98	ALFARO	312	290	
	GR	5,799,958	09/01/98	BISHOP	280	47.26	
Jph	HR	DES 371,663	07/09/96	MULLER-DEISIG et al.	D34	25	
	IR						
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	KR						
	LR						
	MR						
	NR						

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*James D. Hamner*

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Jph	AR	4,118,048	10/1978	Spranger et al.	280	47.35	5
	BR	5,482,605	01/1996	<del>DICKINSON</del> Taylor	—	—	
	CR	5,641,170	06/1997	HELM	—	—	
	DR	5,642,898	07/1997	WISE	—	—	
	ER	5,685,421	11/1997	GILMORE	—	—	
	FR	5,704,496	01/1998	LATTA	211	70.6	
	GR	5,893,572	04/1999	PARKS	280	47.18	
	HR	5,906,381	05/1999	HOVATTER	280	47.18	
	IR	6,050,660	04/2000	GURLEY	312	249.1	
	JR	6,086,073	07/2000	TISBO et al.	280	47.26	
Jph	KR	6,170,559	01/2001	<del>KIZEWSKI</del> Bange	—	—	
	LR						
	MR						
	NR						
	OR						

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date MM/YYYY	Country	Inventor Name		English Abstract		Translation Readily Available	
							Enclosed	No	Enclose	No
Jph	PR	EP0640447	03/1995	Europe	BREINING et al.	7	是			X
	QR	GB2247655	03/1992	United Kingdom	STUART					
	RR	EP0319969	06/1989	Europe	ZERVER		是			X
	SR	DE4017742	03/1991	Germany	WILMES		是			X
	TR	GB2199544	07/1988	United Kingdom	JINN-LIH					
	UR	DE3510307	09/1986	Germany	SPIELHOFF		是			X
Jph	VR	DE3146452	06/1983	Germany	MESENHOELLER		是			X
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	BBR				
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Examiner

*James D. Hammer*

Date Considered:

2/2/02

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